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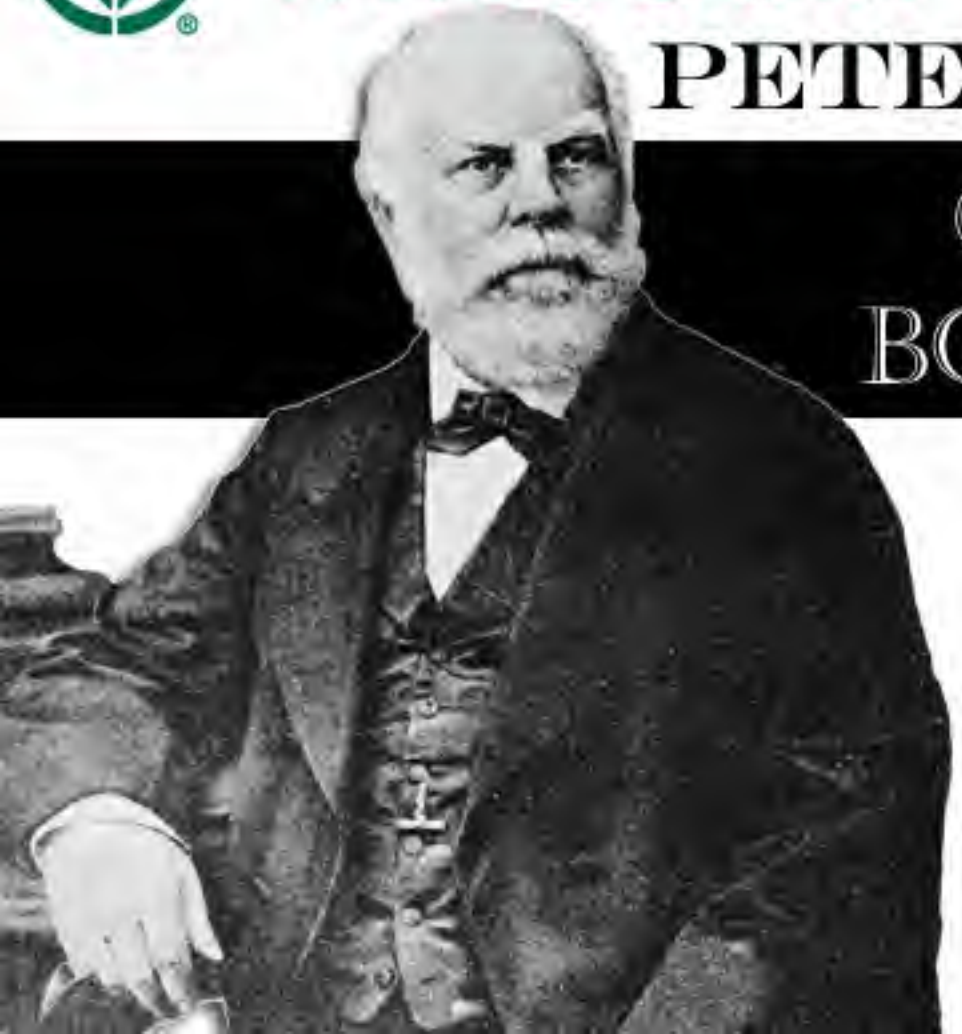

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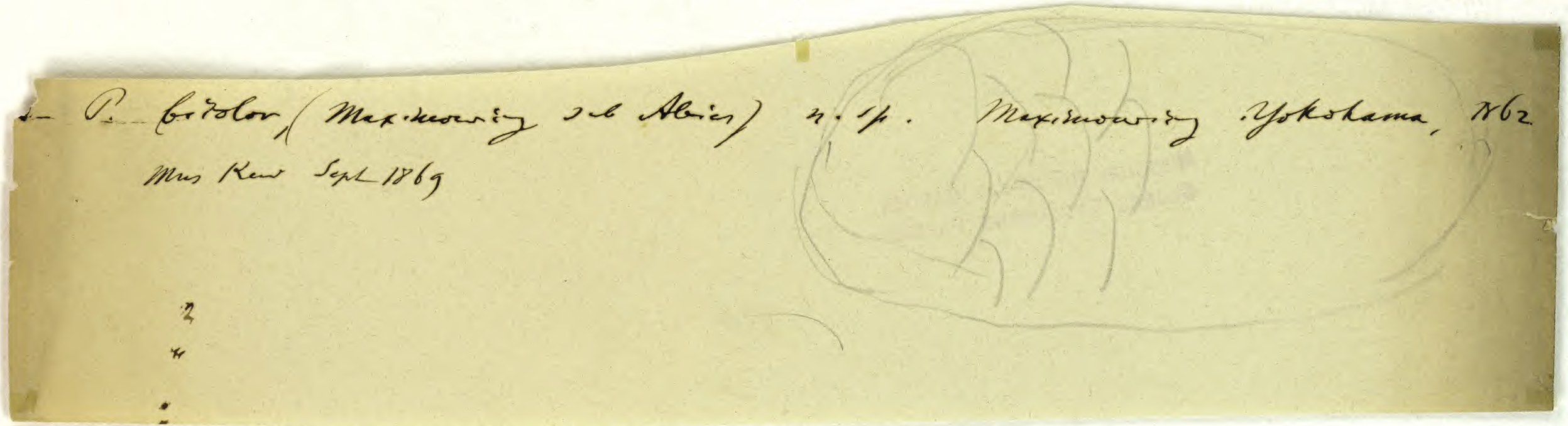
P. bicolor (Maximowicz ex Abies) n. sp. Maximowicz. Yokohama, 1862
Mus Kew Sept 1869

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cm
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MISSOURI BOTANICAL GARDEN

12532

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Hort Kew Sept 8: 1869

Picea obovata Ledb. „Flora Petropolit" Alb. Regel leg. Habit of P. Lagtonii

P. polita cons large ovate — Maximowicz Yokohama 18 62

Veitchii Japonica n° 969 Yokohama — the squarrose

cons produced by Broad Grove make Veitchii

12533.

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Nº 445 = 30
37 70

N. Masters Gard. Chron. 1880

Pinea Ajanensis Fischer

Cones acute
but not
spine tipped

Abrookiana Hort. plur. Mast
Ajanensis Balf.
Jezoensis Maxim.
non Siebold & Zucc.
Pinea Jezoensis Lindl.

Pinea Abrookiana Carr. (Abies Veitchii

Abiocquiana Veitch
Jezoensis Maxim.

Pinea Jezoensis Siebold & Zucc.

Cones spine tipped,
probably a form of Ajanensis

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Herrn Dr. Geo. Engelmann
St Louis

Besten Dank für Ihren so freund-
lichen und prompten Antwort in Bezug
auf den Maisschorn, welche ich unserm
Freund Talliat mitheilen werde.
Sollten weitere Mittheilungen sinnlos,
gerathen wir einfach von Seiten uns
erhalten werden. Für die von Ihnen
Ihnen Ihnen, so würden wir Ihnen
die Vergünstigen Freund unserm Ihnen
Dienstlichen Gruß entbieten.

Hochachtungsvoll Ihr Ergebener
C. E. Meisner

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1253
4354

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Picea
Cones in Mus Hort Bot
Edinb. 1869
from Van Couver Isl
R Brown, min.
Leg
cone large smooth
brown, shiny
scales apparently
smooth edged &
hard
Can it be Engelmanni?
or new? — Unknown to me
Aug 30 1869.
or Large Sitka Pattoniana? or albertina?

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Stomata only on

mostly on upper side

Silkensis Kellogg

Colorado 1881

Abiesmis of older

Crescent City Calif.

Wm Hilton Hayden

on both sides

Colorado Parry Hayd 1861 1862

(narrow leaves)

Fremont 1846

branch Smooth

Silkensis Kellogg

Colorado 1881

and all

pubescent

or none

Abies stomata less on upper side

II

Picea Stomata

On all the species on the upper side of leaf

On the lower side equally or slightly less abundant in the species with quadrangular or laterally compressed leaves (flat)

In the species with depressed leaves the lower side is usually almost destitute of stomata or they are restricted to a line or two along the midrib

Enno Sander,

Ecke der Zweiten und Walnut Straße,

unter Barnum's Hotel,

Saint Louis, Mo.

12536

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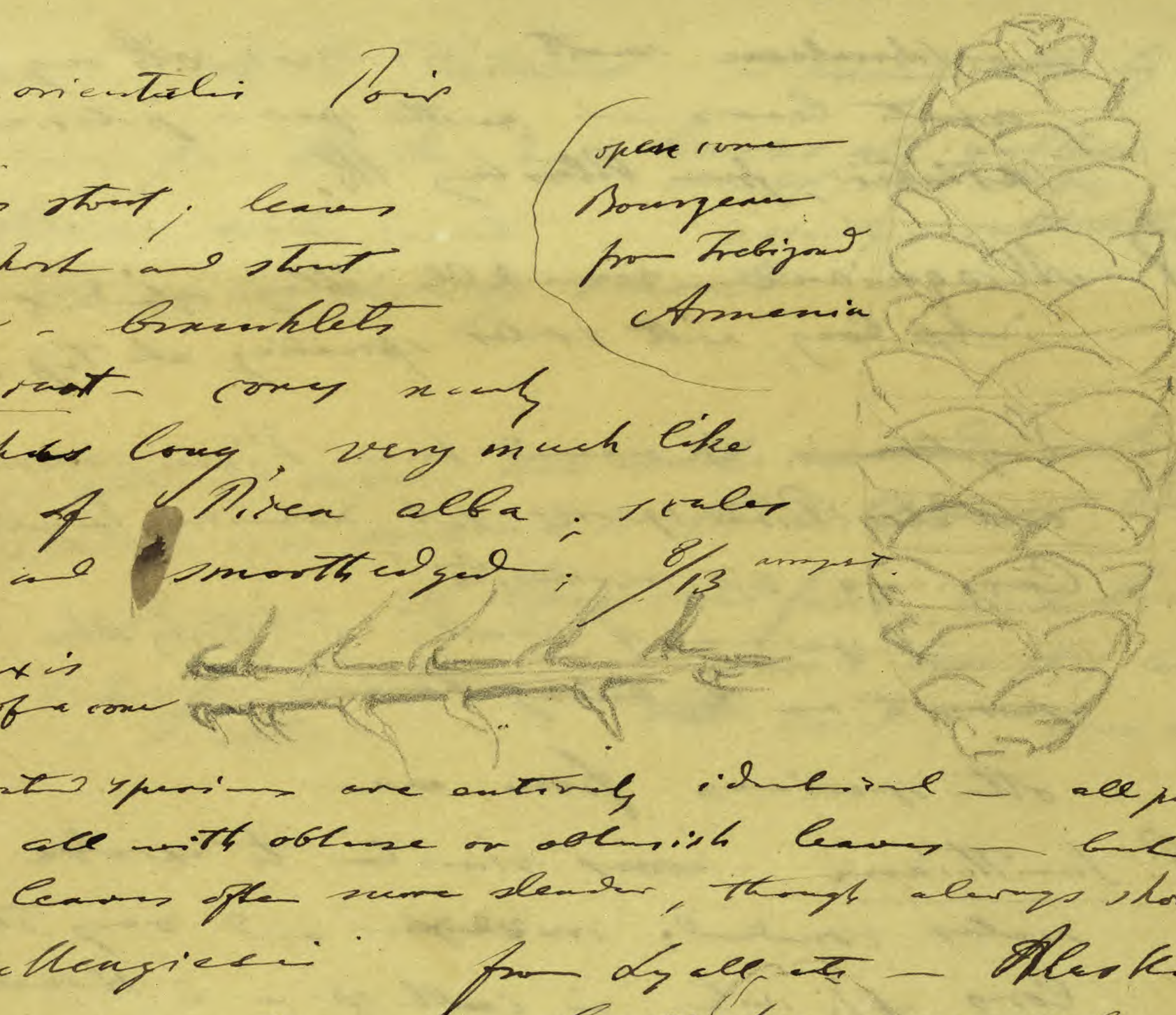
Picea ex Hb Mus Florentini
Oct 17 1868

Picea orientalis Poir

branches stout, leaves very short and stout obtuse - branchlets puberulent - cones nearly 3 inches long, very much like those of Picea alba; scales thin and smooth edged; 8/13 aresp.



ex is of a cone

Cultivated specimens are entirely identical — all pubescent all with obtuse or obtusish leaves — but the leaves often more slender, though always short

Picea Mayriana from Lyall etc — Alaska — one specimen from Lyall has cones ovl, only 1½ - 2 inches long and puberulent branches — leaves also acute — (they not Engelmanni?)

P. Dahurica Fisch is the same, fide Tarkatsch, but specimens look a little different — leaves stout, hard, broad, but more obtuse, branches as stout and smooth, but cones shorter, ovoid or oblong scales denticulate, open cones

P. Ajanensis Fisch is similar in cones like the smaller ones above — leaves quite obtuse branches stout, smooth — (in one of Maximowicz's specimens also puberulent?)

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Pinus ponderosa Among the slightly pubescent or smooth cones oval, scales rounded, smooth edged, or nearly so

or Shrevekeana smooth slender with very long slender acute leaves — with very pubescent cones, both resinous, from Petersburg Va.

P. Alcoquiana remarkable oblong-cylindrical cones 2-2½ inches long, with scales spreading at tip!

P. Engelmanni is named here Pinus communis p. 417 "cum aliis Pini speciis sub nomine Engelmanni a Carriere sit recensita"

A specimen of Lyall's "Rocky Mts, 6000-7000 ft." seems to me to belong here

other specimens from me

P. Smithiana cones similar to excelsa, but stouter scales rounded, and very stout, heavy long 4½ inch in diam. — in Arboretum of Jos. Hooker leaves shorter — (The same as Mosinda)

P. nigra, from Nova Scotia pubescent with very small cones

P. rubra, Nova Scotia, is my larger rounded nigra which I have also from Oregon & White Mountains Hort Neapol ("v6 Neapolis") smooth

P. alba is rough — from Gardens

Eq Hb. Berolin

Pinus alba Parlatore Conif! from Bourgeau, Palliser Expd. 1858, Rocky Mountains I take to be P. Engelmanni = communis Park

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but the stout, hard scales of the cone are certainly rounded
and almost entire

Pinus, Florida, Cabanis — named alba by Poiret
Can it come from Florida? — leaves all fallacious —
1 or 2 left, stout obtuse!
full of flowers, male aments — possibly a cultivated plant?
blanchelets white, shedding smooth

Pinus alba and nigra are well named and
good species are preserved in H.B. Willdenow, Berlin,
1772 is P. nigra, the large round form, which Poiret
takes for P. rubra — cones 8 lines ft, leaves obtusely
1775 — is P. alba — ~~2 lines~~ cones; leaves entirely

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Dec 11th 1878 ~ ** HD. Moore

P. Alcorquiana Veitch, Murray Enc Sapo p. 66

foliis circinibus angustis planis obtuse marginatis subtus convexis
5–6 cinctis glaucis basi tortis; phyllodiis [the leaves leaflets]
rhombeis, pulvinis apice longe protractis arcuatis ascendentibus

Murray gives two figures of the Carpless branch p. 119. front of the twig
with the leaves bases straight and fig 120 with the same much
twisted "from the back of the twig" which both are correct, but
he does not draw the obvious conclusion!

The "front" or upper side of horizontal twig need not twist
the Corpbase, as the leaves turn their lower green side naturally
upwards being appressed to the axis and the upper white,
glaucous one downward; the twig is here covered with leaves

But the "back" or lower side of the Carp is differently
situated; the leaves to turn their green, lower side to
the light must twist them; therefore this lower side of
the twig does not appear leafy, but bare the leaves
being all turned aside and half around, ~

The leaves of erect shoots are not twisted, but
their lower side shows more and there a line of glaucous

which we usually find on
the horizontal branches

Young branch smooth, very white
upper side with bright dark green leaves (their back)
lower side white!

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12538

Physicians are reminded of the importance of filling out these Certificates with accuracy.
They are the Basis of the Mortuary Statistics of the City.

CEMETERY CERTIFICATE.

(This Certificate must be fully and accurately filled out.)

Name of Deceased, ... (White.) (Colored.)

Date of Death, ...

Place of Birth, ...

Place of Death, No. ..... *Street,*

ST. LOUIS, MO.

Age, ... *years,* ..... *months,* ..... *days,*

(SINGLE.) (MARRIED.) (WIDOWER.) (WIDOW.) Cross out the words not required.

Cause of Death, ...

I CERTIFY that I attended the person above named, in ..... *last illness, who died of the disease stated, on the date above named.*

..... *M. D.*

(Address,) .....

Place of Burial, ...

..... *Undertaker.*

Office Health Department,

MISSOURI BOTANICAL GARDEN
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Pinus Sabiniana north Calif., on Coast
not inland, prefers moist soil, in canyons,
& banks of streams. On Eel river 8–9
feet diameter

12539.

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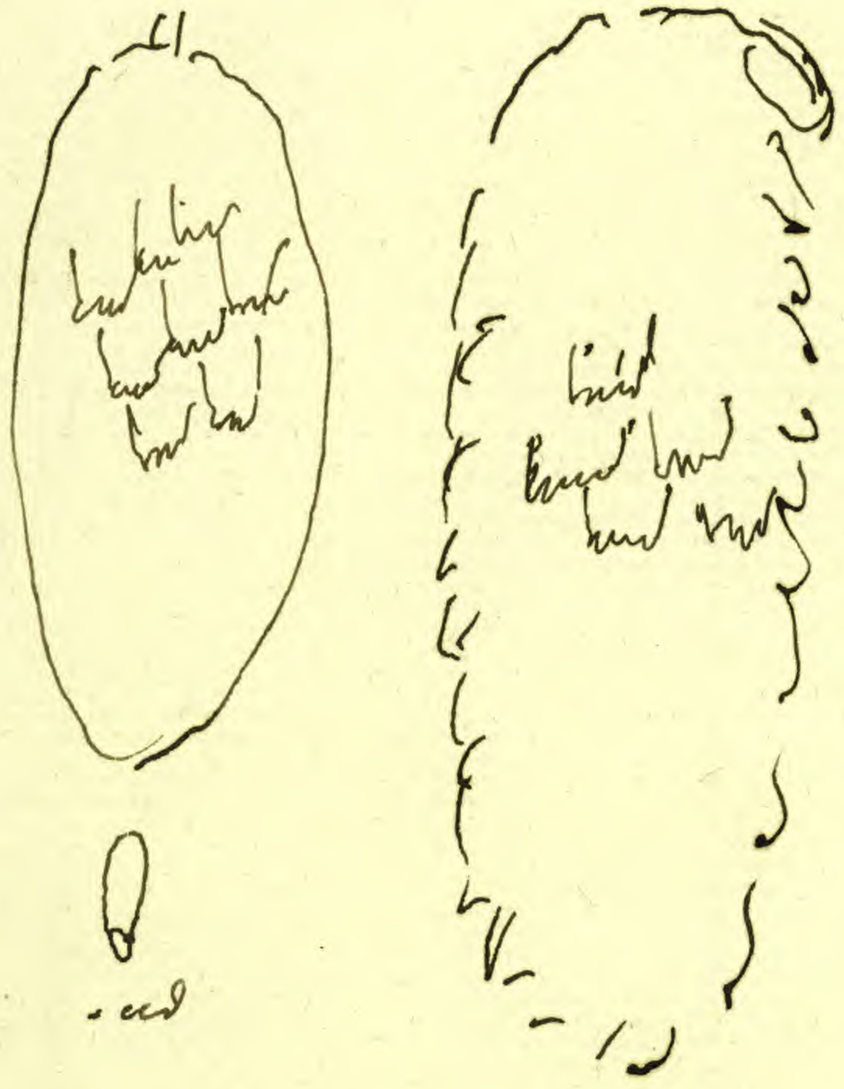
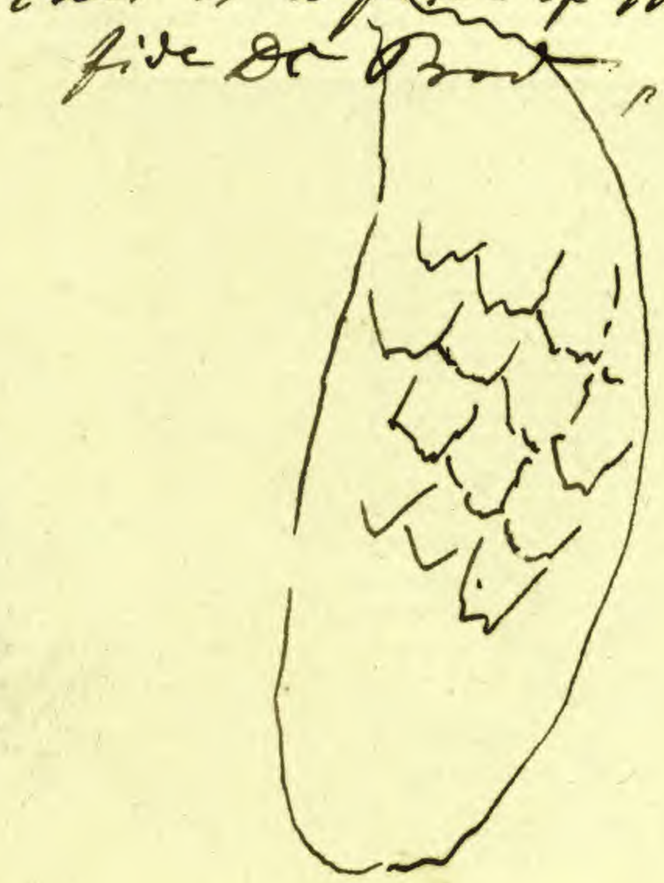


Adiantum monochlamys Eat.
Jard. Chus
Jan 1861

from Murray Coast Exp.
69

= Mengiesii for Calaton Dk Rh
p 418



This is a form of Mengiesii
fide Dr Brook
p. 418.

not Barton, Lindley,
Carrington
Gordon

Adiantum Jagoanum is Sicha Jour.
ex Murray Coast Japan
-- 72

point of leaf

base of Mengiesii
(California)
magnified
Murray p. 76

base magnif.

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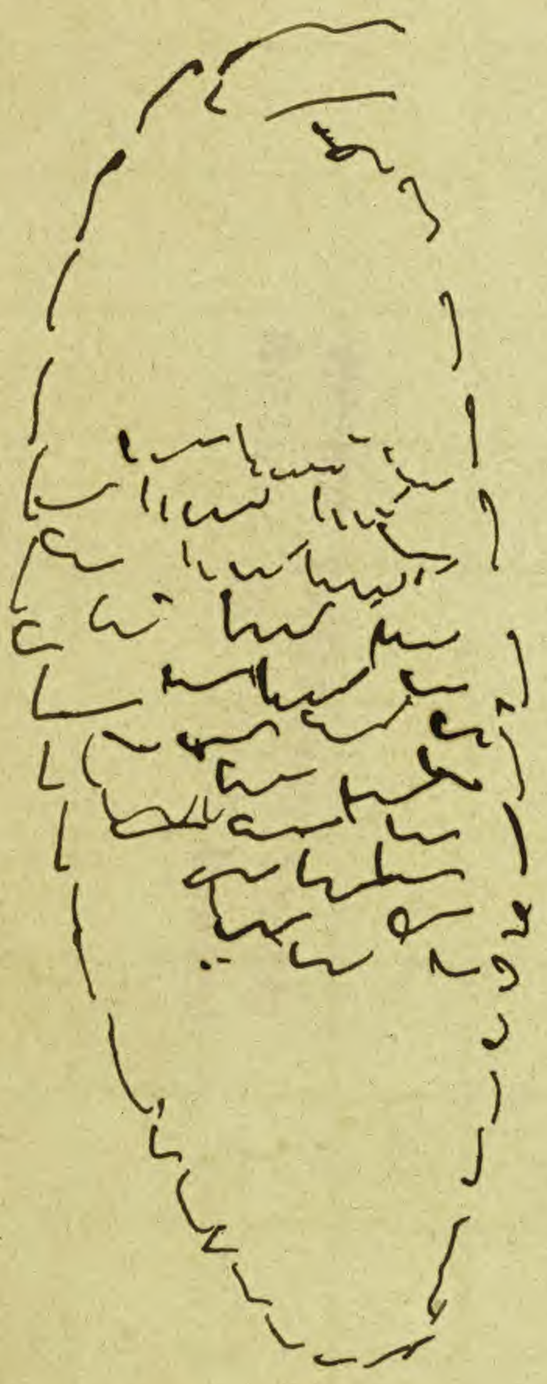
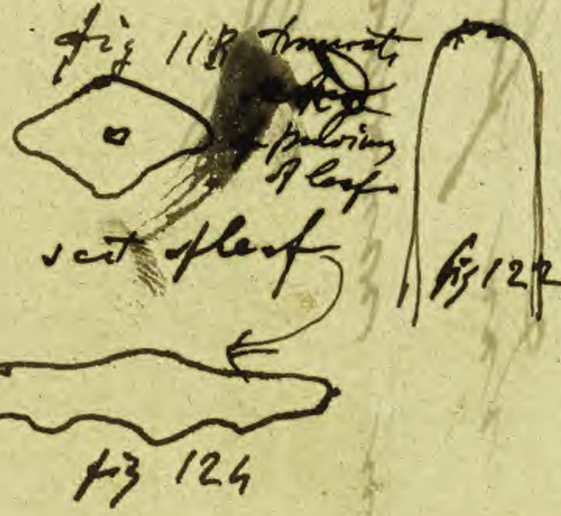
Abies Alcoquiana Veitch
Lindl Gard Chron.
Jan 1861
Bartat. Pl. Pond
[as distinct from Menziesii]



Cones reddish brown colored = common upon
" leaves subtetragonous, flattish; tip obtuse
stomata only on the "under "side"



Ex Herb. Comit Japon 1866.

Alcoquiana, Nurmpfana & Jezoensis are said
to be distinct on account of green and white
stomata on upper side.
Comm, Parlatore in Herb Pond, - also Menziesii

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Dr. Adolph Meyer zu Emmy,
Privatzimmer. Eine Art Hydrophobie
macht sein Leben [illegible]
Stuhl gleichzeitig mit Ende.
Das Lungenemphysem [illegible] morgen
Nachmittag 3 Uhr auf der Farm
Rudd.
Mit den freundlichsten
Grüßen verbleibe ich
Ihr Ergebenster,
Carl Meyer

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1237/1

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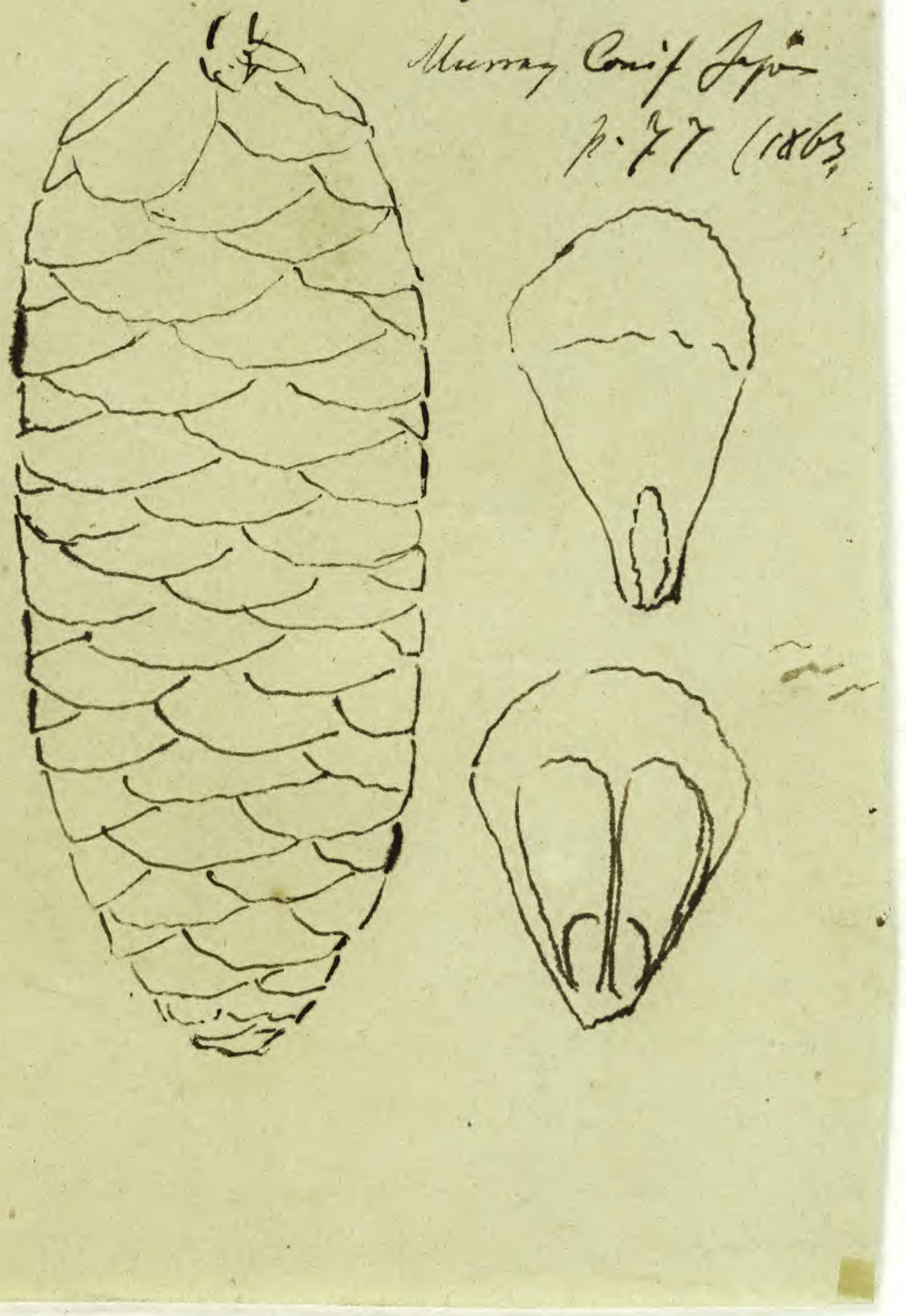
Abies polita
Sieb & Zucc

Murray Coniferæ Japonicæ
p. 77 (1863)



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